

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 30, line 16, with the following rewritten paragraph.

-- Assume that the horizontal selection switch 60 operates in a linear area. The potential of horizontal signal line 59 is held constant, for example, by using an operational amplifier 33 fed back by a resistor. By doing so, a source follower loaded with a resistor is formed by the amplifying transistor ~~45~~ 46 and the horizontal selection switch 60, a current flows through the horizontal signal line 59 in accordance with the potential of floating diffusion 43, and a voltage in accordance with the potential of floating diffusion 43 develops at the output end of the operational amplifier. --